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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/669,858
	Filing Date	September 24, 2003
	First Named Inventor	Schroder et al.
	Art Unit	3742
	Examiner Name	Tu Ba Hoang
	Attorney Docket Number	40228-P004US
Total Number of Pages in This Submission		15

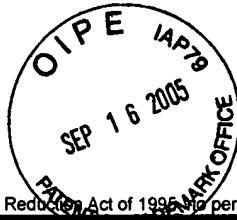
ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> After Allowance Communication to TC
<input checked="" type="checkbox"/> Amendment/Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): (1) Return Postcard.
<input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Winstead Sechrest & Minick P.C.		
Signature			
Printed name	Ross Spencer Garsson		
Date	September 14, 2005	Reg. No.	38,150

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name	Beatrice Zepeda	Date	September 14, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (11-04)

Approved for use through 07/31/2006. OMB 0651-0032

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Effective on 10/01/2004. Patent fees are subject to annual revision.

FEE TRANSMITTAL

For FY 2005

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

Complete if Known

Application Number	10/669,858
Filing Date	September 24, 2003
First Named Inventor	Schroder et al.
Examiner Name	Tu Ba Hoang
Art Unit	3742
Attorney Docket No.	40228-P004US

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit Card ☐ Money Order☒ Deposit Account ☐ NoneDeposit
Account
Number
Deposit
Account
Name

23-2426

Winstead Sechrest & Minick P.C.

The Director is hereby authorized to: (check all that apply)

- ☐ Charge fee(s) indicated below
- ☐ Charge fee(s) indicated below, **except for the filing fee**
- ☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17
- ☒ Credit any overpayments

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☐ Other (please identify):**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING FEE**

Fee Description	Fee (\$)	Small Entity	Fee Paid(\$)
		Fee (\$)	
Utility Filing Fee	790	395	
Design Filing Fee	350	175	
Plant Filing Fee	550	275	
Reissue Filing Fee	790	395	
Provisional Filing Fee	160	80	

Subtotal (1) \$

FEE CALCULATION (continued)**2. EXTRA CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20	50	25
Each independent claim over 3	200	100
Multiple dependent claims	360	180
For Reissues, each claim over 20 and more than in the original patent	50	25
For Reissues, each independent claim more than in the original patent	200	100

Total Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)**- 20 or HP = x =
HP = highest number of total claims paid for, if greater than 20**Indep. Claims** **Extra Claims** **Fee (\$)** **Fee Paid (\$)**- 3 or HP = x =
HP = highest number of independent claims paid for, if greater than 3**Multiple Dependent Claims** **Fee (\$)** **Fee Paid (\$)**

Subtotal (2) \$

3. OTHER FEES

Fee Description	Fee (\$)	Small Entity	Fee Paid(\$)
		Fee (\$)	
1-month extension of time	120	60	
2-month extension of time	450	225	
3-month extension of time	1,020	510	
4-month extension of time	1,590	795	
5-month extension of time	2,160	1,080	
Information disclosure stmt. fee	180	180	
37 CFR 1.17(q) processing fee	50	50	
Non-English specification	130	130	
Notice of Appeal	500	250	
Filing a brief in support of appeal	500	250	
Request for oral hearing	1,000	500	
Other:			

Subtotal (3) \$

SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 38.150	Telephone 512.370.2870
Name (Print/Type)	Ross Spencer Garsson	Date	September 14, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: : Before the Examiner:
Kurt A. Schroder et al. : Tu Ba Hoang

Serial No.: 10/669,858 : Group Art Unit: 3742

Filed: September 24, 2003 :

Title: NANOPOWDER SYNTHESIS : Nanotechnologies, Inc
USING PULSED ARC DISCHARGE : 1908 Kramer Lane
GUN AND APPLIED MAGNETIC FIELD : Bldg. B, Suite L
: Austin, Texas 78758

AMENDMENT UNDER 37 C.F.R. § 1.116

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Final Office Action having a mailing date of June 14, 2005 (the "Final Office Action") having a three-month shortened statutory period for response set to expire on September 14, 2005, please amend the above-identified application as follows:

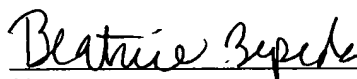
Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims beginning on page 4 of this paper.

Remarks begin on page 11 of this paper.

CERTIFICATION UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence (along with any item referred to as being enclosed herewith) is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on September 14, 2005.


Signature

Beatrice Zepeda
(Printed name of person certifying)